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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Leonard Forbes et al.

Title: PROGRAMMABLE ARRAY LOGIC OR MEMORY DEVICES WITH ASYMMETRICAL TUNNEL  
BARRIERS

Attorney Docket No.: 1303.020US1

**PATENT APPLICATION TRANSMITTAL****BOX PATENT APPLICATION**Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- Return postcard.
- Utility Patent Application under 37 CFR § 1.53(b) comprising:
- Specification ( 65 pgs, including claims numbered 1 through 84 and a 1 page Abstract).
  - Formal Drawing(s) ( 18 sheets).
  - Signed Declaration ( 9 pgs).
- Commissioner is Hereby Authorized to charge Deposit Account No. 19-0743 in the amount of \$2,502.00 to pay the filing fee.
- Assignment of the invention to Micron Technology, Inc. ( 8 pgs) and Recordation Form Cover Sheet.
- Commissioner is Hereby Authorized to charge Deposit Account No. 19-0743 in the amount of \$40.00 to pay the Assignment recording fee.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	84 - 20 =	64	x 18 =	\$1,152.00
INDEPENDENT CLAIMS	11 - 3 =	8	x 80 =	\$640.00
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$710.00
<b>TOTAL</b>				<b>\$2,502.00</b>

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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
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This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.